SBR-ALO-200/16-17

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE

(For Other Works)

Date 29/11/2016

No. ***First & Final Bill***

Division: **BBMP, Byataranyanapura** Sub-Division: **BBMP, Vidyaranyapura**

Bill Received No. 647 Dated 29/11/16 Divisional / Sub Divisional Cash Book Voucher No…….. Dated……

Work Code: 011-16-000024

Schedule Docket No. Head of Account: **P-3110** **Est.Cost: 50.00 Lakhs** D.R.No. :

Name of Work (as per sanctioned estimate: **Development and Improvements to roads and drains in Main Road and Cross Roads in Ward No. 11 Kuvempungara, Vidyaranyapura Sub division.**

Name of Contractor and Full Address: ***Executive engineer, Karnataka Rural Infrastructure Development Limited, # 119, 11th Cross Road, Silvestra Arched, 3rd Floor, East Park Road, Malleshwaram, Bangalore - 03.***

Reference to Agreement No. **EE/BTP/BBMP/KRIDL/WO/76/2016-17** **Dated: 20.07.2016**

Certified that the measurements were taken by me on 29/11/2016 and recorded of **Pages** to 191359

of measurement Book No. 8914 and that the work is satisfactorily executed. 191346

Contractor **Officer-in-charge of work**

EXECUTIVE ENGINEER-4
KRIDL, BBMP, DIVISION,
BANGALORE-560 010

Certified that the measurement were taken by me on 29/11/16 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Sub-Division Officer

II Memorandum of Payment

		Amount
1)	Total value of work done or supplies made as per account within	Total Rs: 49.84.339-00
2)	Deduct amount to be held in reserve being ……percent Rs……	
3)	" Balance	
4)	Deduct Payment:	
	a. Amount of previous payment as in the Office Cash Book Voucher No……Dated……S.D. No……adjusted towards cash advance recovery of	ST - 99687-00 VAT - 199374-00 CCM - 49843-00 CSF - 4984-00 IFSD - 24 9217-00 LR - 69 812-00 Penalty: 750-00
	b. Payments Now made { cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.	
5)	Balance being unpaid value of work done held in reserve.	
6)	Deduct cash advance made on the Office cash Book Voucher No…… dated……less adjustments.	un
7)	Net amount due to or from Contractor adjustments items.	Adj - 673667-00
8)	Advance to Contractor for materials brought to site (as detailed) within.	
9)	Value of Government materials supplied.	Total amount adjusted - 43.1.0.672-00

Contractor's Signature

EXECUTIVE ENGINEER
KRIDL, BBMP, DIVISION
BANGALORE-560 010

Received Rs…….. (in words)……

……

by cash and by adjustment of Payment as per memorandum (in final settlement of all demands)

49.84.339-00

(For use in the Office)

673667-00

Witness
1.
2.
Dated

EXECUTIVE ENGINEER-4
KRIDL, BBMP, DIVISION,
BANGALORE-560 010

Signature of Contractor

Stamp

43.1.0.672-00

Paid by me by Cheque No……Dated……
Cash Rs……..
Dated……

Krishnaveni
Engineer

Executive Engineer

30/11

Initials of Officer making payment

Sl. No.		Unit	Previo Qty
1	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T & P and scaffolding wherever necessary, sorting the dismantled materials, disposal of unserviceable material and stacking the serviceable material with all lifts and lead and lead of 10000 meters complete as per specifications. lime/cement concrete, I.by manual means B. cement concrete grade M-15 & M-20 etc complete as per specifications and directions of engineer in charge of the work	Cum	
2	Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods etc complete as per specifications and directions of engineer in charge of the work	Cum	-
3	Providing and laying in position plain cement concrete of **mix 1:4:8 with OPC cement @ 180 kgs with 40mm** and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregares @ 0.57 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing etc complete as per specifications and directions of engineer in charge of the work	Cum	-
4	Providing and laying cement concrete using 20mm and down size granite jelly of **ready mixed concrete (RMC)for R.C.C works** laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, form works and scaffoldings to withstand pumping of concrete, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Ready mixed Cement concrete M-20 (1:1.5:3) for raft foundation, column footing, main and secondary beams etc complete as per specifications and directions of engineer in charge of the work	Cum	-
5	Vaccum De-watering with vaccum pump and suction mat and compaction with **skin floater clubbed with floating disc** including cost of generator HOM of machinery Screed Vibratiry, Power Floater, blade and disc etc complete as per specifications and directions of engineer in charge of the work	Sqm	-
6	Providing **groove cutting** for width of 5mm to 10mm and depth 80mm-100mm including cost of cutting machine, generator and HOM of machinery including cost of blade coolant etc including cleaning of groove and providing sand and hot bitumne fillars, and filler metal etc., indluding cost of converyance of all materials, labours, lead and lift charges and all other incidental charges as per drawing and as per specification **Concrete Pavement** etc complete as per specifications and directions of engineer in charge of the work	Rmt	-
7	Providing, laying spreading and compacting graded stones aggregate to **wet mix macadam** specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying, in uniform layers with paver in sub base course on well prepared surface and compacting with vibratory roller to achieve the desired density etc complete as per specifications and directions of engineer in charge of the work	Cum	-
8	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WBM, WMM including cleaning of road surface and spraying primer at the rate of 0.60 Kg / sqm using mechnical means etc complete as per specifications and directions of engineer in charge of the work	Sqm	-
9	Providing and laying **bituminous macadam** on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, but excluding cost of primer / tack coat including lead lift and cost including lead, lift and cost of all materials, labour HOM of machineries complete as per specifications **using 40/60 TPH capacity H.M.P with Mechanical paver Gr-II (50 mm to 75 mm) with 3.3 % VG-30 Bitumen** etc complete as per specifications and directions of engineer in charge of the work	Cum	-
10	Providing and applying **tack coat** using 80/100 grade bitumen (VG10) on the prepared black topped surfaces at 2.5kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding clearing of road surface) including cost of all materials, labour, HOM of machineries etc complete as per specifications and directions of engineer in charge of the work	Sqm	-
11	Providing and laying **bituminous concrete** 40mm thick with hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desire compaction as per MORTH specification clause No. 500.9 complete In all respects as per specifications. MORTH Specificationon NO. 509, **using 40/60 TPH capacity with Mechanical Paver Gr-II (30 mm to 45 mm) with 6% VG-30 Bitumen** etc complete as per specifications and directions of engineer in charge of the work	Cum	-
12	Road marking with hot applied thermoplastic compound with reflect rising glass beads on bituminous surface- providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface to level, uniform and free from streaks and holes etc complete as per specifications and directions of engineer in charge of the work	Sqm	-
13	Lead for Disposal of Debris shall be payable at carage rates by Mechanical means inlcuding loading and unloading. **From 0.00 to 11.90 Km** etc complete as per specifications and directions of engineer in charge of the work	Cum	-
	Total		
	Add 8% Service charge to KRIDL		
	cess **Add 1% Third Party Inspection Charge**		
	Grand Total		

CERTIFICATE

1. Certified that the above work done satisfactory and no materials issued from departmentally.

	Unit	Previous Measurement		Present Measurement			Total Upto Date		Remarks
		Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
ment rials, eters etc	Cum	-	-	221.65	382.32	84741.23	221.65	84741.23	
rage ng of	Cum	-	-	245.00	83.16	20374.20	245.00	20374.20	
size ayers M of	Cum	-	-	332.48	5070.60	1685873.09	332.48	1685873.09	
R.C.C vorks l and ndary	Cum	-	-	221.65	6332.04	1403496.67	221.65	1403496.67	
disc s per	Sqm	-	-	2216.50	97.20	215443.80	2216.50	215443.80	
erator umne dental ons of	Rmt	-	-	217.50	124.20	27013.50	217.50	27013.50	
nixing s with ty etc	Cum	-	-	352.80 352.56	1713.96	604685.09 604274	352.56 352.80	604274 604685.09	
WMM ete as	Sqm	-	-	784.00	28.08	22014.72	784.00	22014.72	
rmula in hot d level ift and 0 TPH as per	Cum	-	-	39.17 39.20	5106.24	200014 200164.61	39.17 39.20	200014 200164.61	
per 10 abour,	Sqm	-	-	784.00	11.88	9313.92	784.00	9313.92	
rading, quired as per . 509, as per	Cum	-	-	31.34 31.36	7699.32	241297 241450.68	31.34 31.36	241297 241450.68	
ng and n area, as per	Sqm	-	-	0.00	473.04	0.00	0.00	0.00	
From	Cum	-	-	537.54	109.63	58930.51	537.54	58930.51	
Total						4573502.00	45,72,788	4573502.00	
KRIDL						365880.16	365823	365880.16	
harge						45735.02	45728	45735.02	
l Total						4985117.18	49,84,339	4985117.18	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97